

## MEETING LOG

**Meeting Dates:** June 21, 2005  
**Location:** CPSC Headquarters Room 410 b/c  
**Subject:** AHAM Presentation  
**Attendees:** See attached attendance log

~~CPSC AGENCY CLEARED FOR PUBLIC~~

☒ NO MEMBERS/PRIVATEERS OR  
PRODUCTS IDENTIFIED

☐ EXCEPTED BY PETITION  
RULEMAKING ADMIN. PROC.

☐ WITH PORTIONS REMOVED:

6-22-05 *AA*

Representatives from the Association of Home Appliance Manufacturers (AHAM) requested a meeting with CPSC staff to present information on their certification of portable air cleaners. The current CPSC contract on the exposure limits to ozone produced by air cleaners was also discussed at the meeting. The attached presentation describes the functions of AHAM and their work with standards and certification of portable air cleaners.

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11/11/11

**ATTENDANCE**  
**Meeting with AHAM**  
 Tuesday, June 21, 2005  
 3:00pm, Room 410 b/c


NAME	COMPANY	PHONE NUMBER
Trey Thomas	CPSC	301-504-7738
Gib Mullan	CPSC	301 504 7626
Lori Saltzman	CPSC / HS	301 504-7238
Scott Heh	CPSC / EXHR	301-504-7646
Pam MAJOR	Compliance	301-504-7590
Lowell MARTIN	CPSC	301-504-7628
Eric Hoyer	Thompson Hine	
Robert Franklin	CPSC - Economics	301-504-7708
MARC Schuen	CPSC - Compliance	301 504 7520
<del>Michael</del>	<del>Michael</del>	703-535-3014
Will Knight	Wiley Rein & Fielding	202/719-7000
Joe Williams	Wiley Rein & Fielding	202.715.3351
Sean Oberle	PSL	703-289-9432
Ramona Saar	AHAM	202-872-5955
Wayne Morris	AHAM	202-872-5955
Vin A Notini	AHAM	2/872-5955 x 318.
Kathryn E. Walsh	Mintz, Winn	202-585-3504
Larry Wezhje	AHAM	202-872-5955 ext 317



## AHAM Portable Air Cleaner Certification & Ozone Issues



Independently tested by the  
Association of Home Appliance Manufacturers



Ramona J. Saar  
Director, Standards & Certification Programs  
June 21, 2005

## Introduction

- Brief overview of AHAM
- Current portable air cleaner certification program
- Possible expansion to include ozone verification
- CPSC activities related to ozone

## Association of Home Appliance Manufacturers (AHAM)

- Full service trade association representing appliance manufacturers
- Focused primarily on the U.S. market
- Members must be manufacturers and market products in the United States

## AHAM Membership

<b>Major Appliance Division</b> 32 members	<b>Portable Appliance Division</b> 39 members
<b>Supplier Division</b> 70 members	<b>Floor Care Division</b> 21 members

## AHAM's Core Services

- Government Relations
- Business Data
- Communications
- Engineering Services
- Certification

## Engineering Services

- Development of AHAM standards
- Member advocacy to safety organizations (e.g., UL, NSF, NEC, CPSC, et al)
- International standards
- Technical issues
- Product liability
- Certification programs

## Current AHAM Certification Programs

- Room Air Conditioners
  - Cooling Capacity & Energy Efficiency
- Dehumidifiers
  - Water Removal Capacity
- Portable Room Air Cleaners
  - Clean Air Delivery Rate Performance

## AHAM Performance Certification

- The Primary Stakeholders in AHAM's Certification Programs are:
  - Appliance Manufacturers
  - Concerned Public and Consumers
  - AHAM and 3rd Party contract laboratory

## Foundation of AHAM Certification Programs

- License Agreements
  - Between AHAM and participant
- Procedural Guide
  - Rules of the program
- Directory
  - Lists models and ratings
- Test Procedures
  - Standard
- Certification Seal
  - Shows certified product performance factors

## • Portable Air Cleaner Certification Program Details

## ANSI/AHAM AC-1 Standard

- Test method for measuring portable air cleaner's ability to reduce particles in the air.
- Results are expressed as a CADR- Clean Air Delivery Rate.
- CADR values are determined for the removal of tobacco smoke, dust and pollen particles

## Certification Program

- Program uses the AC-1 standard
- 3<sup>rd</sup> party verification of manufacturer CADR performance ratings.
- Includes a standardized calculation for determining associated room size.
- Publishes results in quarterly directories.
  - CADR Values and Recommended Room size
  - [www.cadr.org](http://www.cadr.org)
- Participants must have all units with the scope of the program verified.
- Open to AHAM members and non-members.

## Certification Logo/Seal



## Benefits of Certification Programs

- Clears up confusion among interested stakeholders
- Provides an objective & repeatable means of rating performance characteristics
- Avoids unnecessary government regulation
- Promotes awareness of products and ratings
- Supports proper product selection and customer satisfaction

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## AHAM Standards Development Activities - Portable Room Air Cleaners

- ANSI/AHAM AC-1
  - Recent expert review
  - Revised edition under ANSI consensus panel review
    - Including energy consumption and standby power
- AHAM AC-2
  - Performance – Sound
  - Under ANSI consensus panel review
- Proposed Standard AHAM AC-3
  - Performance - CADR under Accelerated Particulate Loading

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## Consumer Awareness of Ozone

- Consumer Reports, USA Today and several other articles in May 2005 mention ozone emissions
- Consumers asking questions of manufacturers and AHAM about ozone emissions
- AHAM members interested in providing consumers with ozone emissions compliance information

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## California Air Resources Board

- Interest in Indoor Air Quality
- Concern expressed about ozone
- June 2005 Report to Legislature will include information on air cleaners

## AHAM Members - Discussion on Ozone

- AHAM considering expansion of certification program to include some type of ozone emissions limits compliance information
- UL 867, Section 37 – Ozone test (50 ppb)
- Initial concept: indicate compliance to UL 867, Section 37 by a check mark in the Directory
- Certification program would be limited to only those portable room air cleaners that meet UL 867, Section 37.

## CPSC Activities

- CPSC Summer 2005 Research
  - Objectives of research
  - Process for public comments on research project report
  - Date expected
- Future activities
- CPSC participation in UL Standards Technical Panel (UL 867)
- Potential collaboration with AHAM on consumer awareness of ozone issues

